

ABSTRACT OF THE DISCLOSURE

A semiconductor integrated circuit device includes a programmable circuit in which information is programmed, an information holding circuit which electrically holds information programmed in the programmable circuit, a compression circuit which compresses information held in the information holding circuit, an information output circuit which outputs expected value information, and a detection circuit which checks whether information held in the information holding circuit is destroyed or not. The detecting circuit compares expected value information of the information output circuit with compression information of the information compression circuit to check destruction of information held in the information holding circuit.